



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090519-B

Mode: Highway

Status: Submitted

(New Route - Northwest Loop)

From/Cross Street: SR 1308 (Gum Branch Road)

Specific Improvement Type: 6 - Widen Existing Roadway and Construct Part on New Location

To: US 17

Project Category: Division Needs

Length: 5.38

TIP#: U-5106B

Fully Funded in Draft STIP? No

Cost to NCDOT: \$31,015,000

Description:

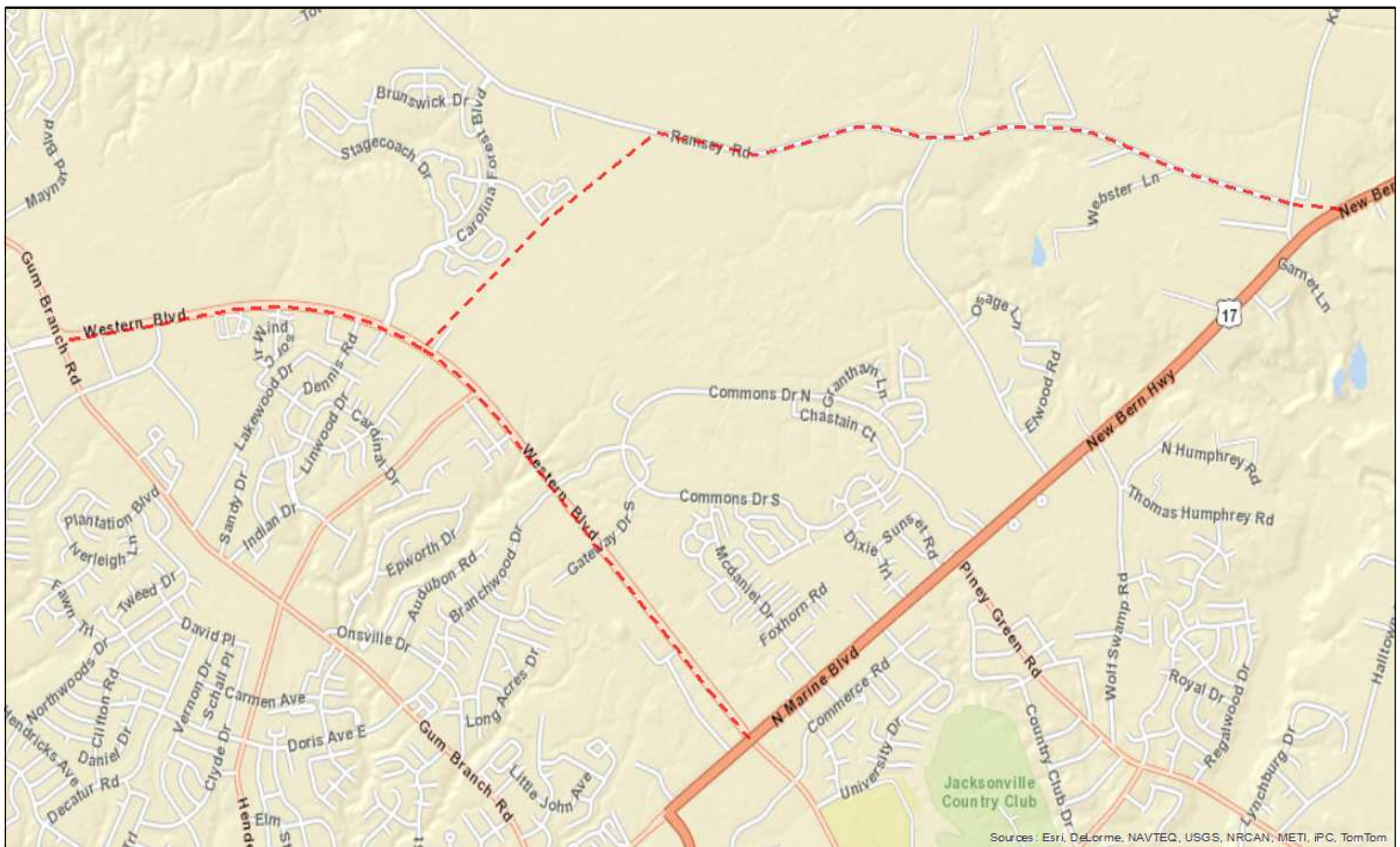
US 258/NC 24 to US 17. Four-Lane Divided Facility, Part on New Location and Along Existing Roadway. Section B: SR 1308 (Gum Branch Road) to US 17.

Division(s): Division 3

County(s): ONSLOW

MPOS(s)/RPO(s): Jacksonville Urban MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points:	Percent: 15% Points:

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 77.99 Safety (20%) 88.71 Multimodal + [Freight & Military] (10%) 2.77 Totals: Weight: 50% Weighted Score: 33.62	Percent: 25% Points:	Percent: 25% Points:

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	46
Length (miles):	2.9
Facility Type:	Arterial
Access Control:	Limited
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	34014.79
Capacity:	31700
Volume/Capacity Ratio:	1.07
% Autos:	98%
% Trucks:	2%
Truck Volume:	554.05
Crash Density:	90.11
Crash Severity:	76.25
Critical Crash Rate:	99.79
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	97
Actual Congested Speed:	30.23
Travel Time Index:	1.28

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	5.38
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-64505009.37
Travel Time Savings for 30 Years (Autos):	-63454321.81
Travel Time Savings for 30 Years (Trucks):	-1050687.56
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Jacksonville Urban MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$24,510,000	TIP Unit
Right-of-Way Cost:	\$5,808,000	Cost Estimation Tool
Utilities Cost:	\$697,000	Cost Estimation Tool
Total Project Cost:	\$31,015,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$31,015,000	